| Work Order I Thursday, August 18, | | | | | | | | | | PARIO | Page 1 |
|-----------------------------------|--|---------------------------------------|----------------------|---|----------------------------|--------------|---------------|---------------|---------------|------------------|----------------|
| Revision ID: | 319-3 | | Accept | | | | | Setup | Start Stop | | |
| | 3/2011 Start Qty: 6.00 5/2011 Req'd Qty: 6.00 | 4 (80) (80) (80) | | Cust Item II Customer: |) : | | | | СССР | | |
| | ocess Plan: | Date: 11-05-19 | | Date Date Date Date Date Date Date Date | te: | | | Run | Start Stop | | |
| Sequence ID/ Work Center ID | Operation Description | | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | t Reje Qty | | Reject Number | Insp. Stamp |
| Draw Nbr | Revision Nbr | | | | - , | | | | | | |
| D3319 | Rev B | | | | | | | | | | |
| Waterjet FLOW CNC Waterjet | | per Dwg D3319 □Dwg Rev f necessary | 0.00 0.00 C: | F 11/08/ | ZZ | | 6 | | | | |
| 110 QC Quality Control | QC2- Inspect parts of | ff machine FAI/FAIB | 0.00 | 4/08/2 | Z | | 6 | _ | | | |
| 120 | QC8- Inspect parts - | second check | 0.00 S u | los/22 | | (| (La) |) | | | |

Memo

Quality Control

| Work Orde Thursday, Augus | | | | | | | | | | Page ? | | | | |
|---------------------------------------|-----------------------------|---------------------------------|---------|------------------------------|------|------------------------|--------|--------------|--------------|---------------|---------------|-------------------------------|------------------------------------|--|
| Revision ID: Item Name: | D3319-3 Wearplate 8/18/2011 | Start Qty: 6.00 | | Accept | | | | | | Setup | Start Stop | 1 12211101 8 | | |
| Required Date: | | Req'd Qty: 6.00 | | | | Cust Item II Customer: | υ: | | | _ | Q. | ! (3 8 (() 8) 8 | 1 11 2 (6) (60) (80) | |
| Approvals: | 0.0 | an: | Date: | Tooling: SPC (Y/N): | | | ite: | | | Run | Start Stop | | | |
| Sequence ID/ Work Center II 130 |) | Operation Description Small Fab | | Set Up/ Run Hours 0.00 | | Tool ID | Tool# | Plan Code | Accep Qty | ot Rej Qty | | Reject Number | Insp. Stamp | |
| Small Fab Small Fab | | Memo Deburr if ne | cessary | 0.00 | N 19 | | | | | | | | | |
| 140 Brake NC | | NC BRAKE | | 0.00 | | Sb (1) | (37/2 | 3 | (6) | | | | - | |

150

Brake NC

QC6- Inspect dimensions to drawing

Form using DT8326 & DT8261 as per Dwg D3319Rev:

0.00 8 Mus /73

Quality Control

Memo

| W | ork | Ord | er ID | 729 | 35 |
|-----|--------|--|-------|-----|----|
| * * | O 1 12 | $\mathbf{v}_{\mathbf{i}}\mathbf{u}_{\mathbf{i}}$ | ~ 11 | 121 | JJ |

Thursday, August 18, 2011 10:47:29 AM



Page 3

Item ID:

D3319-3

Accept

Setup Start

Stop



Revision ID:

Start Date:

Item Name:

Required Date: 8/26/2011

Wearplate

8/18/2017

Start Qty: 6.00

Reg'd Oty: 6.00



Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Operation

Description

Date:

Tooling:

Date: Date: Run

Start

Stop



QC:

Date: _____

SPC (Y/N):

Set Up/

Run Hours

Tool ID

Tool # Plan

Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

160

Sequence ID/

Work Center ID

Large Fab

Large Fab

Large Fab

Memo

0.00

Weld hard surface using D3319-3T2 per QSI 004 and Dwg D3319 Rev. □Qty Part Number Description 7560 Hardcoat Rod MII 7964 Batch□A/R

Memo

170

QC

Quality Control

QC10- Inspect visual per QSI004- ground welds

0.00 0.00

180

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

0.00

Work Order ID 72935

Thursday, August 18, 2011 10:47:29 AM



Page 4

Item ID:

D3319-3

Accept



Setup Start

Stop



Revision ID:

Start Date:

Item Name: Wearplate

Required Date: 8/26/2011

8/18/2011 Start Qty: 6.00

Req'd Oty: 6.00



Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

Accept

Date: _____

SPC (Y/N):

Date:

Tool # Plan

Code

Stop

Insp.

Stamp

Sequence ID/

Work Center ID

190

Powdercoat

Powder Coating

200

OC

Quality Control

Operation Description

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

Set Up/ **Run Hours**

0.00

□OVEN TEMPERATURE:

OF FINISH TIME:

START TIME:

Memo

QC3-Inspect Part Finish

0.00

Memo

Memo

0.00

0.00

0.00

Qty Oty Number

Reject

Reject

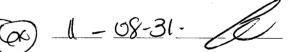
210

Packaging Packaging

Packaging

Identify on inside surface using a permanent fine point marker with the following: ☐TCCA-PDA, Dart Aerospace Ltd. ☐P/N: D3319-3, B/N: BXXXXX□For Product Eligibility see PDA05-18□and

Stock Location: 57497



| Work (| Order | I | D | 7 | 2935 |
|-----------|----------|-----|-----|---|-------------|
| Thursday, | August . | 18, | 201 | I | 10:47:29 AM |



Page 5

Item ID:

D3319-3

Accept



Setup Start



Revision ID:

Item Name: Start Date:

Required Date: 8/26/2011

Wearplate

8/18/2011

QC:

Start Qty: 6.00

Req'd Qty: 6.00



Date: _____

Cust Item ID:

Customer:

Reference:

| | | _ | |
|----|------|------|----|
| Aı | ppro | vals | ·: |

Process Plan:

Date:

Tooling:

Date: _____

Date:

Start Run

Stop

Stop

Sequence ID/ Work Center ID

Operation Description

QC21- Final Inspection - Work Order Release

Set Up/ **Run Hours**

SPC (Y/N):

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number

220

Memo

0.00

0.00

Stamp

Quality Control

Picklist Print

Thursday, August 18, 2011 10:47:25 AM

Work Order ID: 72935

Parent Item: D3319-3

Parent Item Name: Wearplate



Start Date: 8/18/2011

Required Date: 8/26/2011

Page 1

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP: $A \square 05.05.12 \square \text{New issue} \square \text{KJ/JLM} \square$ IPP Rev:B Now on Waterjet 06-10-03 JLM□

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M1010S18GA | | Purchased | No | | | 100 | sf | 313.5000 | 3.2524 | 20.54147 | | | |
| | | | | | | | | | | | | | |

1010/1025 SHEET .048

| Location | Loc Oty | Loc Code |
|----------|---------|----------|
| MAT019 | 313.5 | |
| 116268 | 21.5 | |
| 117806 | 292 | |

22. 90 1/08/22

| DART AEROSPACE LTD | Work Order: 72935 | |
|------------------------------|----------------------|--|
| Description: Wearplate | Part Number: D3319-3 | |
| Inspection Dwg: D3319 Rev: B | Page 1 of 1 | |

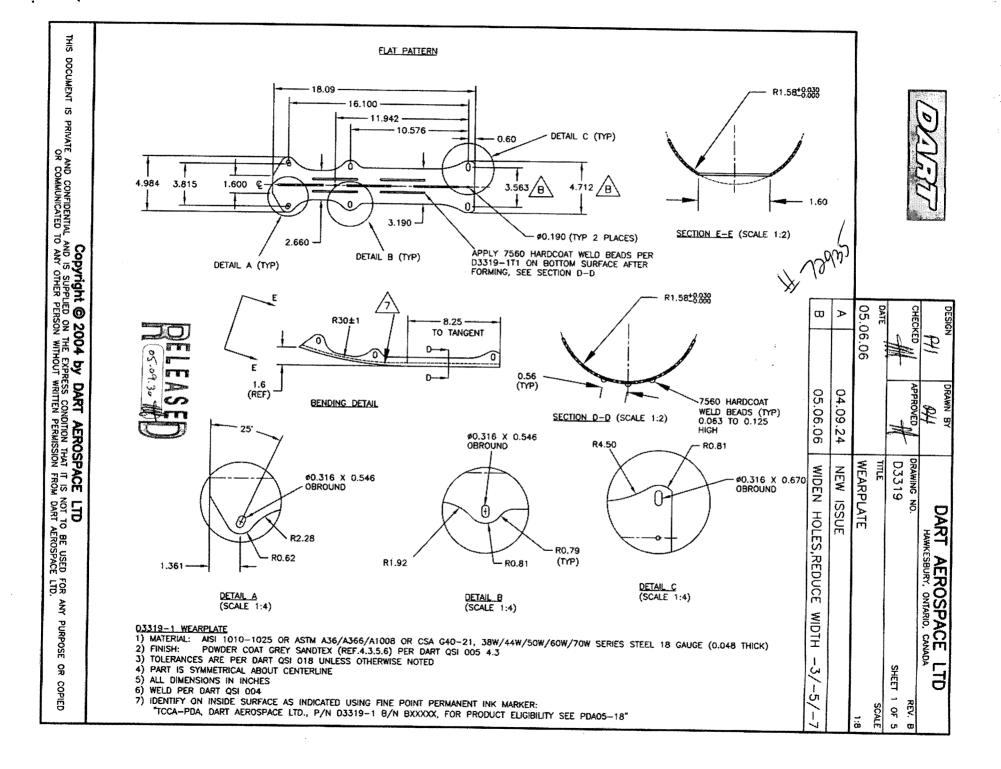
FIRST ARTICLE INSPECTION CHECKLIST

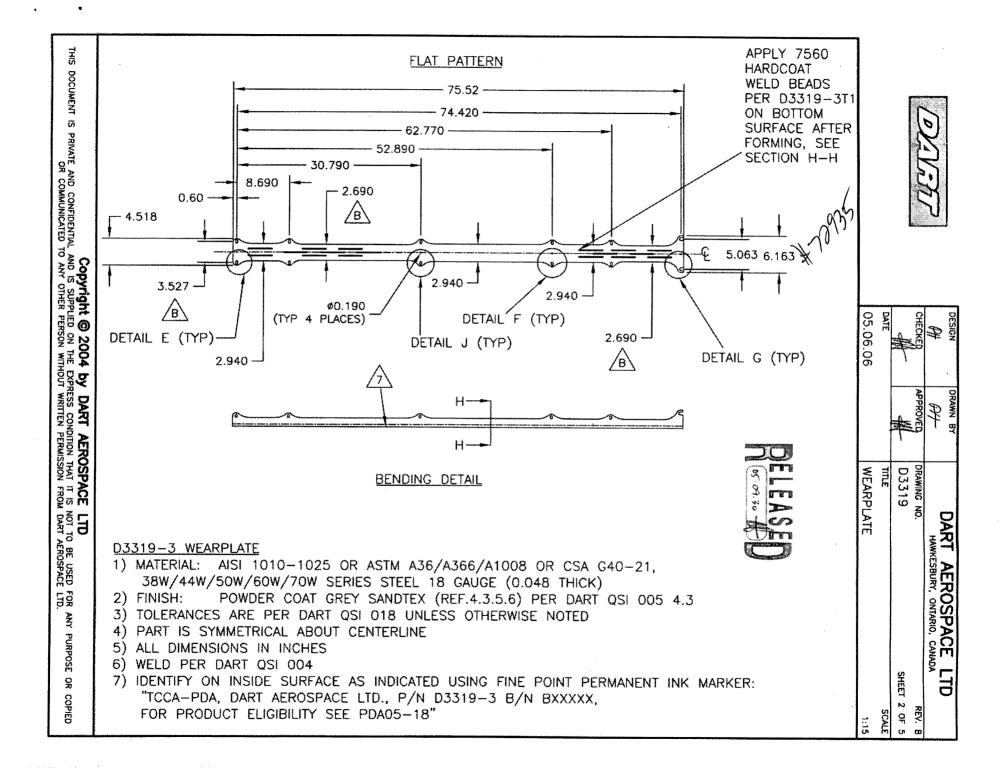
X First Article Prototype

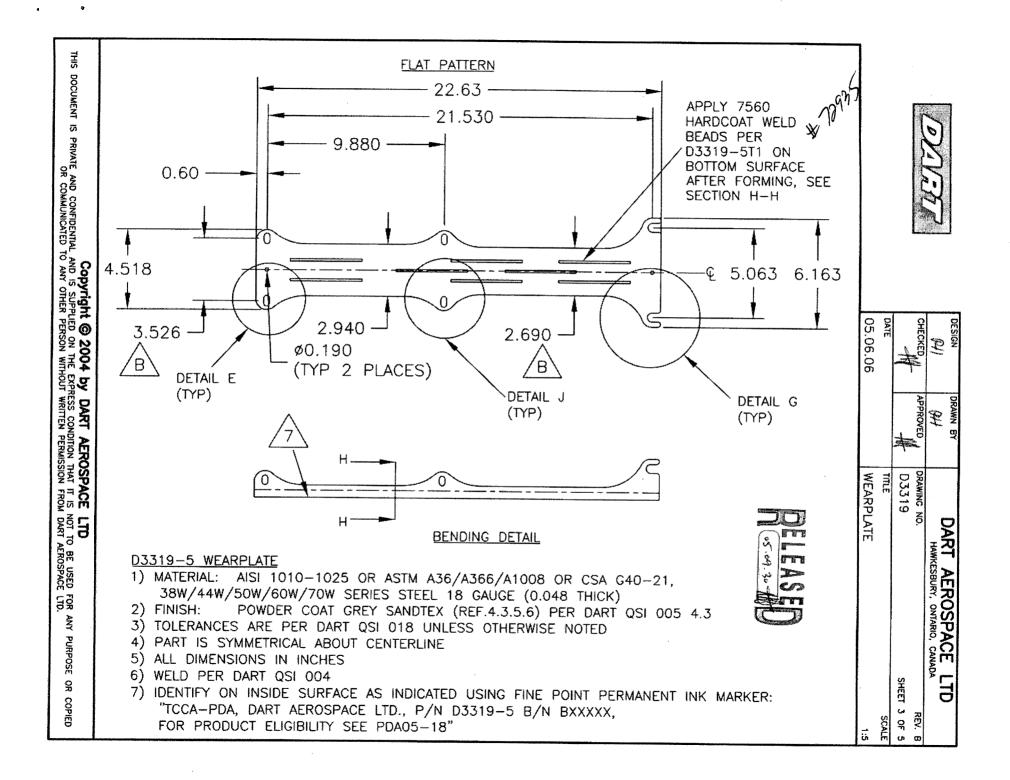
| Drawing | T 1. | Actual | | | Method of | |
|----------------|--------------------------|-----------|----------|--------|------------|----------|
| Dimension | Tolerance | Dimension | Accept | Reject | Inspection | Comments |
| 75.52 | +/-0.030 | 75,52 | | | RAOY | TAPE |
| 74.420 | +/-0.010 | 74.420 | | | ۷ (| 11 |
| 62.770 | +/-0.010 | 62.77 | | | () | |
| 52.890 | +/-0.010 | 52.89 | | | c١ | |
| 30.790 | +/-0.010 | 30.79 - | | | ι(| |
| 8.690 | +/-0.010 | 8.69 | - | | () | |
| 0.60 | +/-0.030 | 0 %، | | | ٠(| |
| 2.690 | +/-0.010 | 2.700 | | | RARG | den |
| 2.940 | +/-0.010 | 2,950 | — | | RA26 | Vern |
| 3.527 | +/-0.010 | 3,534 | j | | <i>i</i> (| 4 |
| 4.518 | +/-0.010 | 4,524 | | | 70 | 11 |
| Ø0.190 | +0.005/-0.001 | ,189 | | | | |
| 2.940 | +/-0.010 | 2.950 | | | RA26 | Vary |
| 2.940 | +/-0.010 | 2,950 |) | | (1 | ñ |
| 2.690 | +/-0.010 | 2.700 | | | 61 | 9 |
| 5.063 | +/-0.010 | 5.065 | | | 11 | Y |
| 6.163 | +/-0.010 | 6.165 | 1 | | RAOY | TAPE |
| Ø0.316 x 0.607 | +0.006/-0.001 x +/-0.010 | .315× 605 | | | RAZ6 | Vern |
| 0.048 | +/-0.010 | .096 | | | RAZG | den |
| | | | | | | |

| Measured by: | Audited by: | Prototype Approval: | N/A |
|----------------|--------------|---------------------|-----|
| Date: 11/08/72 | Date: ル(ぴ/ファ | Date: | N/A |

| Rev | Date | Change | Revised by | Approved |
|-----|----------|-----------|------------|----------|
| Α | 07.07.18 | New Issue | KJ/JLM A | B |

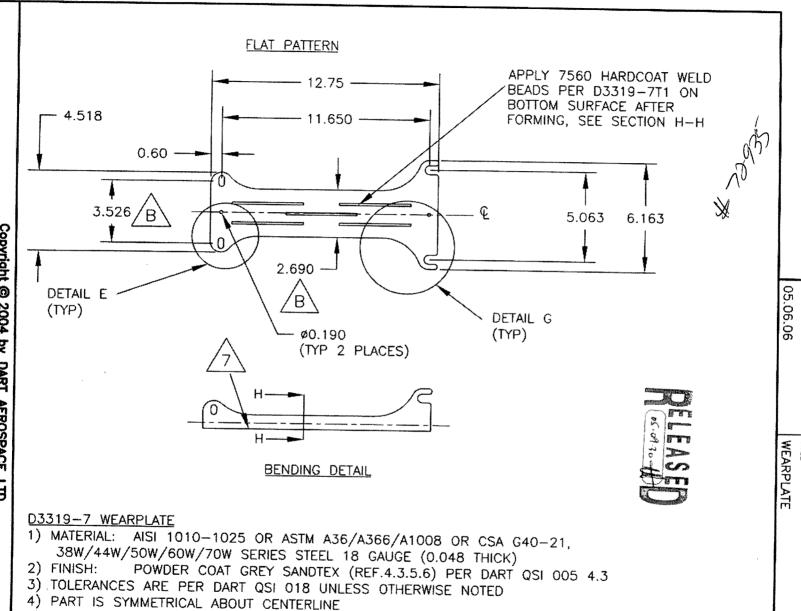






5) ALL DIMENSIONS IN INCHES 6) WELD PER DART QSI 004

FOR PRODUCT ELIGIBILITY SEE PDA05-18"



7) IDENTIFY ON INSIDE SURFACE AS INDICATED USING FINE POINT PERMANENT INK MARKER:

"TCCA-PDA, DART AEROSPACE LTD., P/N D3319-7 B/N BXXXXX.

CHECKED

DRAWING NO

SHEET

4

OF 5

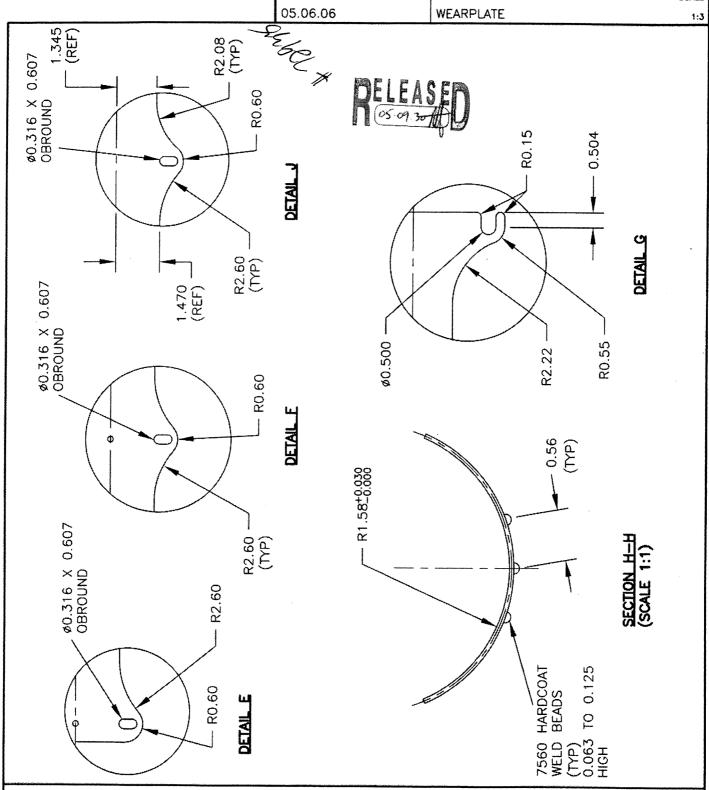
 \mathcal{Z}

P

AEROSPACE I



| DESIGN PH | DRAWN BY | | OSPACE LTD ONTARIO, CANADA |
|--------------|------------|-------------|-------------------------------|
| CHECKED 4 | APPROVED A | DRAWING NO. | REV. B |
| 4 | # | D3319 | SHEET 5 OF 5 |
| DATE | | TITLE | SCALE |
| 05.06.06 | | WEARPLATE | 1:3 |



Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.